SWALLOW

Or A NEW ALMANACK

for the Year of our

LORD GOD

1677.

being the first after Bissextile or Leap-year, and from the Worlds Creation 5681.

Calculated porperly for the famous University and Town of *Cambridge*,

Where the Pole Artick is elevated 52 degrees and 17 minutes above the Horizon.

Omnia falce metis tempus.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University, 1677.

The common Notes and Moveable Feasts for this year of our Lord God, 1677.

THe Golden Number is	
The Cycle of the Sun	
The Epact	
The Dominical Letter	
Shrove-sunday	Feb.
Easter-day	April
Ascension-day	May
Whitsunday	June
Trinity-sunday	June
Advent-sunday	Decemb.

The Anatomy of mans body.

The names of the 12 Signs, with the parts of mans body which they are said to govern.

♈ Aries Head and Face	♎ Libra Reins and Loyns
♉ Taurus Neck & Throat	♏ Scorpio Secret members
♊ Gemini Arms & Shoul.	♐ Sagitarius the Thighs
♋ Cancer Breast & Stom.	♑ Capricornus the Knees
♌ Leo Heart and Back	♒ Aquarius the Legs
♍ Virgo Bowels & Belly	♓ Pisces the Feet

The Terms with their Returns for this year.

Hilary Term begins January 23, and ends February 12, and hath 4 returns, *viz.*	Octab. Hilar. Jan. 20 Quind. Hilar. Jan. 27 Craſt. Purif. Febr. 3 Octab. Purif. Febr. 10
Eaſter Term begins May 2, ends May 28, and hath 5 returns.	Quind. Paſch. April 30 Tres Paſch. May 7 Menſ. Paſch. May 14 Quinq. Paſch. May 21 Craſt. Aſcen. May 25
Trinity Term begins June 15, and ends July 4, and hath 4 returns.	Craſt. Trin. June 11, Octab. Trin. June 18, Quind. Trin. June 25 Tres Trin. July 2
Michaelmas Term begins October 23, ends November 28, and hath 6 returns.	Tres Mich. Octob. 20 Menſ. Mich. Octob. 27 Craſt. anim. Nov. 3 Craſt. Mart. Nov. 12 Octab. Mart. Nov. 19 Quind. Mart. Nov. 26

Note that the Exchequer openeth 8 days before any Term begins, except the Term of Trinity, in which it openeth but 4 days before.

Note alſo that the glorious Planet Venus is Oriental, or our morning Star from the beginning of the year to the 19 of June, and after becoms Occidental, or our evening Star to the end of the year.

A Regal Table in more exact manner.

The Year, Moneth, and Day, (accounting the Year to begin *Jan.* 1.) whereon every K. and Q. of *Eng.* since the Conq. began their Reign.		The number of Years, Moneths, & Days, that every K. & Q. reign. 28 da. to a mon.				The num. of y. expired in this y. since they began to reign: as also since they ended.		
K. W. Conq.	1066	Octob. 14	20 y	11 m	22 d	611		
W. Rufus	1087	Sept. 9	12 y	11 m	18 d	590	W. Conq.	
Henry 1	1100	August 2	35 y	4 m	11 d	577	W. Rufus	
Stephen	1135	Decem. 1	18 y	11 m	18 d	542	Henry 1	
Henry 2	1154	Octob. 25	34 y	9 m	2 d	523	Stephen	
Richard 1	1189	July 6	9 y	9 m	0 d	488	Henry 2	
John	1199	April 6	17 y	9 m	0 d	478	Richard 1	
Henry 3	1216	Octob. 19	56 y	1 m	0 d	461	John	
Edward 1	1272	Nov. 16	34 y	8 m	6 d	405	Henry 3	
Edward 2	1307	July 7	18 y	7 m	5 d	370	Edward 1	
Edward 3	1327	Jan. 25	50 y	5 m	7 d	351	Edward 2	
Richard 2	1377	June 21	22 y	3 m	14 d	300	Edward 3	
Henry 4	1399	Sept. 29	13 y	6 m	3 d	278	Richard 2	
Henry 5	1413	Marc. 20	9 y	5 m	24 d	264	Henry 4	
Henry 6	1422	Aug. 31	38 y	6 m	16 d	255	Henry 5	
Edward 4	1461	March 4	22 y	1 m	8 d	217	Henry 6	
Edward 5	1483	April 9	0 y	2 m	18 d	194	Edward 4	
Richard 3	1483	June 22	2 y	2 m	5 d	194	Edward 5	
Henry 7	1485	Aug. 22	23 y	10 m	24 d	192	Richard 3	
Henry 8	1509	April 22	37 y	10 m	2 d	168	Henry 7	
Edward 6	1547	Jan. 28	6 y	5 m	19 d	131	Henry 8	
Q. Mary	1553	July 6	5 y	4 m	22 d	124	Edward 6	
Q. Elizab.	1558	Nov. 17	44 y	4 m	15 d	119	Q. Mary	
K. James	1603	Mar. 24	22 y	0 m	3 d	73	Q. Elizabeth	
Charles 1	1625	Mar. 27	22 y	10 m	3 d	52	K. James	
Charles 2	1649	Jan. 30	Long live the King			28	Charles 1	

The use of this Table in Example.

King *Henry* 8 began his reign in the year of *Christ* 1509. *April* 22. He reigned 37 years 10 moneths and 2 days. It is since he began his reign 168 years compleat the 22 of *April* this year 1677. Now to know the time since the end of his Reign, before his name standing on the right hand, you shall there find 131 years since he died, *January* 28. And so of the rest.

Jan.

January hath xxxi dayes.

Full moon the 8 day, 17 minutes past 11 at night.
Last quarter the 16 day, 40 minutes past 2 afternoon.
New moon the 23 day, 31 min. past 5 in the morning.
First quarter the 30 day, 2 min. past 3 afternoon.

1	a	New ye. day	Taur.	0	22		
2	b	Oct. Stephen		12	23	Good weather for the season of the year.	
3	c	Octab. John		24	24		
4	d	Octab Inno.	Gem.	6	25		
5	e	Simeon		18	26		
6	f	Twelfth day		29	27		
7	G	1 aft. Epiph.	Canc.	11	28		
8	a	Lucian		23	29		
9	b	Sun in Aquar.	Leo	6	☌		
10	c	Paul Herm.		18	1		
11	d	Hygin	Virgo	0	2		
12	e	Benedict		13	3		
13	f	Hilary Bish.		26	4	Tempestuous windy weather, with snow or rain, yet not very cold.	
14	G	2 aft. Epiph.	Libra	9	5		
15	a	Mauritius		23	6		
16	b	Marcellus	Scorp.	6	7		
17	c	Anthony		20	8		
18	d	Prisca	Sagit.	4	9		
19	e	Wolstan		19	10		
20	f	Octab. Hilar.	Capr.	3	11		
21	G	3 aft. Epiph.		18	12		
22	a	Vincent m.	Aquar.	3	13		
23	b	Term begins		18	14	Windy, with cloudy moist weather, if nor snow, about this time.	
24	c	Timothy b.	Pisc.	2	15		
25	d	Conv. S. Paul		16	16		
26	e	Polycarp.	Aries	0	17		
27	f	Quind. Hilar.		13	18		
28	G	4 aft. Epiph.		26	19		
29	a	Gildas Ab.	Taur.	8	20	Very cold.	
30	b	K. C. 1. Mart.		20	21		
31	c	Saturn	Gem.	2	22		

February hath xxviii days.

Full moon the 7 day, 18 min. paſt 4 afternoon
Laſt quarter 14 day 12 min. paſt 11 at night.
New moon the 21 day 28 min. paſt 5 afternoon.

M. D.	W. D.	Feſtival days. with Terms	Moons place.		S. pl.	Inclination of the air.
1	d	Brigget faſt	Gem.	14	23	Cold at the
2	e	Candlemas d.		26	24	beginning,
3	f	Craſt. Purif.	Canc.	8	25	but grows
4	g	5 aft Epiph.		20	26	warmer ſoon
5	a	Agatha M.	Leo	2	27	after, with
6	b	Dorothy M.		14	28	ſeaſonable
7	c	Rumwald		27	29	weather.
8	d	Sun in Piſces	Virg	10	♓	
9	e	Apollonia		23	1	
10	f	Schol. O. P.	Libra	6	2	
11	g	Septuageſima		20	3	
12	a	Term ends	Scorp.	3	4	
13	b	Agabus		17	5	
14	c	Valentine	Sagit.	1	6	
15	d	Fauſtine		15	7	
16	e	Policzon		29	8	
17	f	Conſtant	Capr.	13	9	
18	g	Sexageſima		27	10	About this
19	a	Sabine	Aquar.	12	11	time exceſſ
20	b	Mildred viz.		26	12	high winds,
21	c	Timbert	Piſc.	10	13	with rain
22	d	Cath. Pet.		24	14	or ſnow,
23	e	Serenus faſt	Aries	8	15	pleaſant ſoon
24	f	S. Matthias		21	16	after.
25	g	Quinquageſ.	Taur.	4	17	
26	a	Victorin		16	18	Cold, if not
27	b	Fortunatus		28	19	ſnow, near
28	c	Aſhwedneſd.	Gem.	10	20	the end.

March hath xxxi days.

First quarter the 1 day, 12 min. past 9 before noon.
Full moon the 9 day, 2 min. past 7 in the morning.
Last quarter 16 day, 20 min. past 5 morning.
New moon 23 day, 6 min. past 1 morning.
First quarter 31 day, at 6 in the morning.

1	d	David B.	Gem.	22	21	Cold, and windy, if not wet at the beginning.
2	e	Chad B.	Canc.	4	22	
3	f	Eutrophius.		16	23	
4	G	Quadragesi.		28	24	
5	a	Eusebius	Leo	10	25	
6	b	Frederick		22	26	
7	c	Ember week.	Virgo	5	27	
8	d	Mauritan		18	28	
9	e	Prudence	Libra	2	29	Good weather for seed time a great part of this moneth.
10	f	Sun in Aries		15	V	
11	G	2 sun. in Lent	Ordin.	29	1	
12	a	Gregory P.	Scorp.	13	2	
13	b	Ernestus		27	3	
14	c	Leo Pth.	Sagit.	11	4	
15	d	Longine		26	5	
16	e	Cyriac	Capr.	10	6	
17	f	Patrick		24	7	
18	G	3 sund. in lent	Aquar.	8	8	
19	a	Joseph		22	9	
20	b	Rupert	Pisces	6	10	Very warm, with storms, and thunder in some places
21	c	Aphrodisius		19	11	
22	d	Theodore	Aries	3	12	
23	e	Egbert K.		16	13	
24	f	Mutrin fast		29	14	
25	G	Lady day	Taur.	12	15	
26	a	Castulus		24	16	Somewhat cool now, but pleasant near the end.
27	b	Archibald	Gem.	6	17	
28	c	Fremond m.		18	18	
29	d	Eustach	Canc	0	19	
30	e	Guido		12	20	
31	f	Kalbine		24	21	

Full moon the 7 day 31 min. past 6 afternoon.
Last quarter the 14 day, 31 min. past 10 beforenoon.
New moon the 21 day, 54 min. past 7 afternoon.
First quarter the 29 day, 11 min. past 11 at night.

1	☉	5 sund. Lent	Leo	5	22	☽	Cool at the
2	a	Francis con.		18	23		beginning.
3	b	Richard B.	Virgo	0	24		
4	c	Ambrose		13	25		
5	d	Vincent		26	26		A probability
6	e	Sixtus	Libra	10	27		of good wea-
7	f	Celestin		24	28		ther for the
8	☉	Palm-sunday	Scorp.	8	29		spring, the
9	a	Perpet. bish.		23	♂		former part
10	b	Sun in Taur.	Sagit	7	1		of this
11	c	Leo Pope		22	1		moneth.
12	d	Julius	Capr.	6	2		
13	e	Good Friday		20	3		
14	f	Olympia fast	Aquar.	5	4		
15	☉	Easter day		18	5		
16	a	Isidore	Pisc.	2	6		
17	b	Aniceius m.		16	7		
18	c	Oswin Mo.		29	8		
19	d	Alphege	Aries	12	9		
20	e	Sulpitius		25	10		About this
21	f	Anselme b c.	Taur.	7	11		time expect
22	☉	Low-sunday		20	12		tempestuous,
23	a	S. GEORGE.	Gem	2	13		windy, and
24	b	Albertus		14	14		stormy wea-
25	c	Mark evang.		26	15		ther, if not
26	d	Cletus	Canc	8	16		thunder.
27	e	Anastasius		20	17		
28	f	Vitalis mar.	Leo	2	18		
29	☉	2 sun. af East.		14	19		
30	a	Quind. Pasch.		26	20		

May hath xxxi days.

Full moon the 7 day 26 min. past 3 morning
Last quarter the 13 day, 21 min. past 5 afternoon.
New moon the 21 day. 35 min. past 10 beforenoon
First quarter the 29 day, 10 min. past 1 afternoon.

1	b	Philip & Jac.	Virgo	8	21		
2	c	Term begins		21	22		
3	d	Invent crue	Libra	4	23		
4	e	Monica M.		18	24		
5	f	Gothard	Scorp.	2	25		
6	g	3 sun. aft. Eas.		17	26	The moneth	
7	a	John of Bev.	Sagit	1	27	may begin	
8	b	Apar. Mic.		16	28	well, but a-	
9	c	Nazianzen	Capr.	1	28	bout this time	
10	d	Epimachus		16	29	expect winds,	
11	e	Sun in Gem.	Aquar.	1	II	storms, and	
12	f	Pancrate		15	1	thunder in	
13	g	4 sun. aft. Ea.		29	2	some places,	
14	a	Mens Pasch.	Pisc.	11	3	with cool and	
15	b	Sophia		25	4	moist weather	
16	c	Peregrine	Aries	9	5	following.	
17	d	Franc. S. B		22	6		
18	e	Oswald bis.	Taur.	4	7	Better, but	
19	f	Berherdine		16	8	holds not	
20	g	Rogation sun.		29	9	long.	
21	a	Quinq. Pasc.	Gem.	11	10		
22	b	Adelme		23	11	Cool, and wet	
23	c	Desiderius	Cane.	5	12	about this	
24	d	Holy Thursd.		16	13	time.	
25	e	Crast. Ascen.		28	14		
26	f	Austin bis.	Leo	10	15		
27	g	sun. af. Ascen.		22	16	Very warm	
28	a	Term ends	Virg.	4	17	about this	
29	b	K. C. II. Nat.		17	18	time.	
30	c	Felix M.	Libra	0	19		
31	d	Petronella		13	20		

June hath xxx days.

Full moon the 5 day, 46 min. past 10 beforenoon.
Last quarter the 12 day, 12 min. past 2 morning.
New moon the 20 day, 26 min. past 1 morning.
First quarter the 28 day, 19 min. past 1 morning.

1	f	Pamphilus	Libra	27	20	
2	g	Marcel. fast	Scorp.	10	21	
3	A	Whitsunday.		25	22	Some winds,
4	b	Petrocius	Sagit.	10	23	with pleasant
5	c	Boniface		25	24	weather, the
6	d	Ember week	Capr.	10	25	former part
7	e	Paul bish.		25	26	of this
8	f	Medard	Aquar.	10	27	moneth.
9	g	Pelagia		25	28	
10	A	Trin. sun. Or.	Pisces	9	29	
11	b	S. Barnabas		22	30	
12	c	Blandine	Aries	6	1	
13	d	Anthony		19	2	Stormy wea-
14	e	Corp. Christi	Taur	1	3	ther about
15	f	Term begins		13	4	this time, with
16	g	Rosiland		26	5	thunder, and
17	A	1 after Trin.	Gem.	8	6	lightning, in
18	b	Octab. Trin.		20	7	some places.
19	c	Gervase m.	Canc.	1	8	
20	d	Edward K.		13	9	
21	e	Wulburg		25	9	
22	f	Alban mart.	Leo	7	10	
23	g	Jo. & P. fast		19	11	High winds,
24	A	John Baptist	Virg.	1	12	with some
25	b	Quind. Trin.		14	13	storms, if not
26	c	Loy Bish.		26	14	thunder, near
27	d	Crescens	Libra	9	15	the end.
28	e	Leo P. fast		22	16	
29	f	S. Peter Apo.	Scorp.	5	17	
30	g	Com. of Paul		19	18	

July hath xxxi days.

Full moon the 4 day, 31 min. past 5 afternoon.
Last quarter the 11 day, 47 min. past 1 afternoon.
New moon the 19 day, 36 min. past 3 afternoon.
First quarter the 27 day, 57 min. past 10 beforenoon.

1	G	3 aft. Trin.	Sagit	3	19	
2	a	Fres Trin.		18	20	
3	b	Hiacynthius	Capr.	3	21	
4	c	Term ends		18	22	
5	d	Anselme	Aquar.	4	23	Very warm, with some storms, and thunder in some places.
6	e	Hector		19	24	
7	f	Becket	Pisces	3	25	
8	G	4 aft. Trin.		18	26	
9	a	Cyril	Aries	2	27	
10	b	7 Brethren		15	28	
11	c	Pius bis.		28	29	
12	d	Henry	Taur.	10	29	
13	e	Sun in Leo		23	☊	
14	f	Bonavent.	Gem.	5	1	Good weather the greater part of this month, and not much alteration except about the new moon.
15	G	Swithin B.		6	2	
16	a	Osmond		28	3	
17	b	Alexius	Canc.	10	4	
18	c	Rosina		22	5	
19	d	Dog days be.	Leo	4	6	
20	e	Margaret m.		16	7	
21	f	Praxeda		28	8	
22	G	5 after Trin.	Virgo	11	9	
23	a	Apollinaris		23	10	
24	b	Christian fa.	Libra	6	11	
25	c	S. James Ap.		18	12	
26	d	Anna	Scorp.	2	13	
27	e	Martha		15	14	Warm if not thunder, near the end.
28	f	Celsus		29	15	
29	G	7 after Trin.	Sagit.	13	16	
30	a	Abdon		27	17	
31	b	Ignatius	Capr.	12	18	

Auguſt hath xxxi days.

Full moon the 2 day, 19 min. paſt 9 at night.
Laſt quarter the 10 day, 23 min. paſt 4 morning.
New moon the 18 day, 6 min. paſt 7 morning
Firſt quarter 25 day, 13 min. paſt 4 afternoon.

1	f	Lammas day	Capr.	27	19	
2	g	Stephen M.	Aquar.	12	20	
3	a	Invent Ste.		27	21	
4	b	Dominick	Piſc.	12	21	Very hot, if
5	c	8 aft. Trin.		26	22	not thunder.
6	d	Tranſ. Chr.	Aries	10	23	
7	e	Donatus		23	24	
8	f	Cyriac	Taur.	6	25	Cooler with
9	g	Roman		19	26	ſtorms, and
10	a	S. Laworen.	Gem.	1	27	high winds
11	b	Gilbert		13	28	following.
12	c	9 aft. Trin.		25	29	
13	d	Sun in Virgo	Canc	7	30	
14	e	Euſebius		19	1	
15	f	Aſſump. of M.	Leo	1	2	
16	g	Roch M.		13	3	
17	a	Mammes		25	4	
18	b	Helena Em.	Virg.	7	5	
19	c	10 aft. Trin.		20	6	I fear windy,
20	d	Bernard A	Libra	3	7	and ſtormy
21	e	Richard biſ.		15	8	weather, a-
22	f	Timotheus		28	9	g in about
23	g	Zacheus faſt	Scorp.	12	10	this time.
24	a	S. Bartholom.		25	11	
25	b	Lewis K.	Sagit	9	12	
26	c	11 aft. Trin.		23	13	
27	d	Dog da. end	Capr.	7	14	
28	e	Auguſtine b.		21	15	Good weather
29	f	Decol J. Bap.	Aquar.	6	16	toward the
30	g	Felix		21	17	end.
31	a	Adrian M.	Piſces	5	18	

September hath xxx days.

Full moon the 1 day, 26 min. past 10 beforenoon.
Last quarter the 8 day, 44 min. past 9 at night.
New moon the 16 day, 19 min. past 9 at night.
First quarter 23 day, 58 min past 11 at night.
Full moon 30 day, 45 min. past 8 at night.

1	f	Giles Abbot	Pisces	20	19		
2	G	12 aft. Trin.	Aries	4	20		Indifferent
3	a	Lupus		18	21		good weather,
4	b	Cuthert	Taur.	2	22		with some
5	c	Macozin		15	22		wind at the
6	d	Magnus		27	23		beginning.
7	e	Dunstan	Gem.	9	24		
8	f	Nat. of Mary		21	25		
9	G	13 aft. Trin.	Canc.	3	26		
10	a	Nicholas		15	27		
11	b	Maurice		27	28		Warm for the
12	c	Eanswide	Leo	9	29		season, with
13	d	Sun in Libra		21	♎		storms, if not
14	e	Exalt. Cruc.	Virgo	3	1		thunder in
15	f	Nichomedes		16	2		some places,
16	G	14 after Trin.		29	3		and high
17	a	Socrates	Libra	12	4		winds fol-
18	b	Methodius		25	5		lowing.
19	c	Ember week	Scorp.	8	6		
20	d	Fausta fast		22	7		
21	e	S. Matthew	Sagit.	6	8		
22	f	Maurice		20	9		
23	G	Ordination	Capr.	4	10		
24	a	Samuel		18	11		
25	b	Cleophas	Aquar.	2	12		Pleasant wea-
26	c	Justin		16	13		ther near the
27	d	Cos. & Dam.	Pisc.	0	14		end.
28	e	Wenceslaus		15	15		
29	f	S. Mich. Arc.		29	16		
30	G	16 after Trin.	Aries	13	17		

October hath xxxi days.

Last quarter the 8 day, 38 min. past 4 afternoon.
New moon 16 day, 3 min. past 11 beforenoon.
First quarter 23 day, 52 min. past 5 morning.
Full moon 30 day, 50 min. past 10 beforenoon.

1	a	Remigius	Aries	26	18	Seasonable
2	b	Leodegar	Taur.	9	19	at the begin-
3	c	Candide		22	20	ning.
4	d	Francis	Gem.	5	21	
5	e	Constance		17	22	
6	f	S. Faith		29	23	Windy with
7	G	17 ar. Trin.	Canc	11	24	snow or rain.
8	a	Demetrius		23	25	
9	b	Dennis mar.	Leo	5	26	
10	c	Paulin		17	27	
11	d	Burchard		29	28	Better wea-
12	e	Wilfred	Virg.	11	29	ther about
13	f	Sim. in Scorp.		24	30	this time.
14	G	18 aft. Trin.	Libra	7	31	
15	a	Hedewide		20	1	
16	b	Gallus	Scorp.	4	2	
17	c	Audrey virg.		18	3	
18	d	S. Luke Evan.	Sagit.	2	4	Not very
19	e	Potelome		16	5	cold, but
20	f	Wendelin	Capr.	0	6	windy; it
21	G	19 after Trin.		24	7	grows colder
22	a	Cordula		29	8	with high
23	b	Term begins	Aqua.	13	9	winds and
24	c	Salome		27	10	snow, or cold
25	d	Crispine	Pisc.	11	11	rain.
26	e	Amandus		25	12	
27	f	Vig. Conf. fa.	Aries	8	13	
28	G	Sim. & Jude		22	14	
29	a	Eadfine	Taur.	5	15	Some plea-
30	b	German		18	16	sant days to-
31	c	Quintin fast	Gem.	0	17	ward the
					18	end.

November hath xxx days.

Last quarter the 7 day, 24 min. past noon.
New moon the 14 day, 6 min. past 11 at night.
First quarter the 21 day, 13 min. past 2 afternoon.
Full moon the 29 day, 47 min. past 1 morning.

1	d	All Saints.	Gem.	13	19	
2	e	All souls		25	20	Good weather for the season and not much alteration till about the new moon.
3	f	Cruc. anim.	Canc.	7	21	
4	G	21 aft. Trin.		19	22	
5	a	Powder Plot	Leo	1	23	
6	b	Leonard		13	24	
7	c	Wildebrode		25	25	
8	d	Claudius	Virg.	7	26	
9	e	Theodorus		19	27	
10	f	Erastus	Libra	2	28	
11	G	22 aft. Trin.		15	29	
12	a	☉ in ♐ Cr.M.		28	♐	Windy, and stormy weather.
13	b	Eugenius	Scorp.	12	1	
14	c	Frederick		26	2	
15	d	Leopold	Sagit.	10	3	
16	e	Edmund B.		25	4	
17	f	Hugh	Capr.	10	5	Apertio Portarum, to cold rain or snow, with windy winterlike weather, for the most part to the end.
18	G	23 after Trin.		25	6	
19	a	K.Ch. 1 Nat.	Aquar.	9	7	
20	b	Edmund K.		24	8	
21	c	Oblat. Mary	pisces	8	9	
22	d	Cicely virg.		21	10	
23	e	Clement M.	Aries	5	11	
24	f	Chrysog. M.		18	13	
25	G	24 after Trin.	Taur.	1	14	
26	a	Quind. Mart.		14	15	
27	b	Oda virg.		27	16	
28	c	Term ends.	Gem.	9	17	
29	d	Saturn fast		21	18	
30	e	S. Andrew	Canc.	3	19	

December hath xxxi days.

Last quarter the 7 day. 2 min. past 4 morning.
New moon the 14 day, 9 min. past 10 beforenoon.
First quarter the 21 day, 24 min. past 1 morning.
Full moon the 28 day. 57 min. past 10 at night.

1	f	Daniel bish.	Canc.	15	20	Windy if
2	G	Advent sund.		27	21	not stormy.
3	a	Lucius K.	Leo	9	22	
4	b	Barbara		21	23	
5	c	Sabbas ab.	Virgo	3	24	More pleasant
6	d	Nicholas		15	25	and seasona-
7	e	Ambrose		27	26	ble weather,
8	f	Conce. of M.	Libra	10	27	with some
9	G	2 sund. Adv.		23	28	frost.
10	a	Damascus	Scorp.	6	29	
11	b	Sun in Capr.		20	W	
12	c	Epimachus	Sagit.	4	1	
13	d	Lucian m.		19	2	Not much al-
14	e	Nichasius	Capr.	4	3	teration till
15	f	Hilda Abbes.		19	4	after the new
16	G	O Sapientia	Aqua.	4	5	moon.
17	a	Lazarus		19	6	
18	b	Christopher	Pisces	4	7	
19	c	Ember week		18	8	Wind and
20	d	Julian fast	Aries	2	9	snow about
21	e	S. Thomas		15	10	this time.
22	f	Theodosius		28	11	Pleasant wea-
23	G	4 sun. in Ad.	Taur	11	12	ther, with
24	a	Ad. & E. fast		24	13	some frost,
25	b	Christ born	Gem.	6	14	and toward
26	c	S. Stephen		18	15	the end some
27	d	S. Joan	Canc.	0	16	snow or cold
28	e	Innocents		12	17	rain.
29	f	Trefsens		24	18	
30	G	Sim. aft. Chr.	Leo	6	19	
31	a	Silvester.		18	20	

SWALLOW.

the latter part of this

ALMANACK

for the Year of our

LORD GOD

1677.

Being the first after Bissextile or Leap-year, and from the Conquest of *England* by *William Duke* of *Normandy* 611 years.

Wherein is contained the Eclipses, the time of the Suns entrance into the Cardinal signs, with some observations thereupon, as also the reason of the Names of the Constellations, with Rules and Tables for measuring, sowing and planting, and the Fairs Corrected.

Poma dat Autumnus: formosa est messibus Æstas: Ver prabet flores: Igne levatur Hyems.

CAMBRIDGE,
Printed by *John Hayes*, Printer to the University. 1677.

Of the Eclipſes this year.

THere will be four Eclipſes this year, *viz.* two of the Sun, and two of the Moon, which will happen as followeth.

The firſt will be of the Moon the 7 day of May, the middle of it 25 minutes paſt 3 of the Clock in the morning, the Digits or parts Eclipſed will be 8 and 15 minutes, it happens in 27 Degrees of Taurus; the beginning and middle of it may be ſeen by us (if the air be clear) but the Moon ſetteth before the end. *Braſile*, *S. Laurence* the *Caribbe* Iſlands, &c. ſhall have it in their Meridian, the end of it may be ſeen near the *Cape of good Hope*, in *Benin*, *Lower Lybia*, *Barbary*, *Spain*, &c.

The ſecond will be of the Sun, the 21 day of May half an hour paſt 10 beforenoon, but by reaſon of the Moons Parallax, and great ſouth Latitude, it will ſcarce be ſeen by us; towards the Iſlands of *S. Martin*, *Hellen*, *Mary*, and in the *Zembrian Lake*, it will appear a great Eclipſe.

The third will be of the Moon, the 30 day of *October* near 11 beforenoon, and therefore cannot be ſeen by us, but will be viſible to our *Antipodes*, *viz.* near the mountains of *Sierra*, *Nevada*, and the North-weſt parts of *America*, unto whom the Moons body will be half obſcured.

The laſt will be of the Sun, the 14 of *November* near on midnight, and therefore not to be ſeen in theſe Northern parts of the world, but in *China*, *Japan*, &c. it will be a great Eclipſe, It falls in the third degree of *Sagittarius* near that *Regal* fixed Star called the Heart of the *Scorpion*.

Of the Suns entrance into the four Cardinal Signs.

HE enters *Aries March* the 9 day 26 minutes past 9 at night, making the days and nights of equal length, and beginning the Spring quarter, when

No sooner doth *Sols* shining Chariot roule
From th' Equinox, toward the Northern Pole,
To sport him for three moneths i'th' pleasant Inns
Of *Aries*, *Taurus*, and the gentle Twins,
But that the mealie mountains (late unseen)
Change their white garments into lusty green;
The Gardens prank them with their flowry buds,
The Meads with grass; with leaves the naked woods,
Sweet *Zephyrus* begins to buss his *Flora*,
Swift-winged Singers to salute *Aurora*,
And wanton *Cupid* through this Universe, (pierce.
With pleasing wounds, all creatures hearts doth

The summer quarter begins at the Suns entrance into *Cancer*, which will be this year the 11 of *June* at one in the morning.

When backwards bent, *Phlegon Sols* fiery steed,
With *Cancer*, *Leo*, and the Maid doth feed; (*Ceres*
Th' earth cracks with heat, and summer crowns his
With gilded ears, as yellow as her hair is;
The Reaper panting both for heat and pain,
With crooked Rasor shaves the tufted plain;
And the good husband, that due season takes,
Within a moneth his years provision makes.

The Autumnal quarter beginneth at the Suns entrance into *Libra*, which will be this year the 12 of *September* at 4 of the clock afternoon.

When from Mid-Heaven *Sols* bright flame doth fly,
Toward the Cross-stars in th' Antartick sky,

To be three moneths uprising and down-lying
With *Scorpio*, *Libra*, and the Archer flying.
Th' earth by degrees, her lovely Beauty bates,
Pomona loads her lap with delicates,
Her Apron and her Osier Basket both,
With dainty fruits for her deer *Autumns* tooth,
Her healthless spouse who barefoot h ps about,
To tread the juyce of *Bacchus* Clusters out.

The Winter quarter takes its beginning at the Suns entrance into *Capricorn*, which will be the 11 of *December* at 4 of the Clock in the morning.

Where last of all, great *Sol*'s proud trampling Teem,
For three moneths more, to sojourn still doth seem,
With *Capricorn*, *Aquarius*, and the Fishes,
While we in vain, invoke him with our wishes,
Instead of Flowrs, Chill Shivering winter dresses,
With Icesickles, her (self bald) borrowed Tresses;
About her brows a Periwig of snow,
Her white freeze mantle fring'd with ice below,
A pair of Lamb-lin'd Buskins on her Feet,
So doth she march *Orythia*'s love to meet;
Who with his briskled, hoary, Beaugle-Beard,
Coming to kiss her, makes her lips afear'd;
Whereat he sigh's a breath so cold and keen,
That all the waters Crystallized been,
While in a fury with his boystrous wings,
Against the Scythian snowy rocks he flings.
All lusks in sloath: and till these months do end,
Bacchus and Vulcan both must us befriend.

Dubartus (in the fourth part of the second day of his second week) sheweth why the Heavenly Constellations may be called by those names which Astronomers have given them upon a double account: As first *Aries*, or the *Ram* may be so called because the Air is then of a tem-

temperate heat, and the earth beginneth to be fleeced over with graſs, *Taurus* or the *Bull*, becauſe the husbandman at that time, with his Bulls, or Oxen doth tear up the fields. *Gemini* or the *Twins*, becauſe about that time kind *Cupid* unites Sexes together, of moſt creatures. *Cancer* or the *Crab*, becauſe the Sun entring that ſign he ſeems to go backwards. *Leo* or the *Lion*, becauſe of the great heat which uſually happeneth at that time, *Virgo* or the *Maid*, becauſe the earth then like a ſcornfull Maid, begins to loath the love-glances of the Sun, without whom ſhe would be but barren. *Libra* or the *Balance*, becauſe the Sun coming to that point maketh the days and nights of equal length as they were in the Spring. *Scorpio* or the *Scorpion*, becauſe his piercing ſting brings the firſt tidings of cold Winter. *Sagittarius* or the *Dart*, becauſe about that time, froſts, and ſnows, like Darts do hurt the Vegetable and living creatures. *Capricornus* or the *Goat* becauſe as the Goat is a creature which delights to climb upon Rocks, ſo the Sun entring that ſign begins again to aſcend toward us in theſe Northern parts. *Aquarius*, and *Piſces*, may be ſo called, becauſe of the moiſture (either ſnow or rain) which uſually falleth when the Sun is in thoſe ſigns, &c.

In the ſecond place applying the Conſtellations to Scripture the *Ram* may ſignifie the *Paſchal Lamb*; the *Bull* the calf which the Iſraelites worſhipped; the *Twins*, *Jacob* and *Eſau*; the *Crab Solomon* who went backward from virtue to vice; the *Lion*, that which was ſlain by *Samſon* or *David*: the *Maid*, the Virgin *Mary*; the *Balance*, that wherewith King *Lemuel* weighed the Juſtice of his land; the *Scorpion*, that which bit S. *Paul* by the hand, the Archers *Hagars* ſon *Iſhmael*; the Waterman S. *John Baptiſt*; the Fiſhes thoſe where with our Saviour fed five thouſand people; and thus he goeth on with the other Conſtellations, but I ſhall conclude with ſome of his verſes, ſhewing that ſuch figures in Heaven are patterns of things in earth, and the reaſon of their being placed there.

The Eternal Trine-one, ſpreading even the Tent
Of th' All enlightning glorious Firmament,
Fill'd it with figures, and in various marks,
There pourtray'd Tables of his future works;
And ſacred patterns, which to ſerve all ages,
Th' Almighty printed on Heavens ample ſtages.
See here the pattern of a ſilver Brook;
Which in and out on th' Azure ſtage doth Crook;
Here th' Eagle plays; there flirs the rav'ning Crow;
Here ſwims the Dolphin; there the Whale doth rowe;
Here bounds the Courſer: there the Kid doth skip;
Here ſmoaks the Steer; the Dragon there doth creep:
There's nothing precious in Sea, Earth, or Air,
But hath in Heaven, ſome like reſemblance fair.
Yea even our Crowns, Darts, Lances, Skeyns, and Scales,
Are all but Copies of Heav'ns principals.

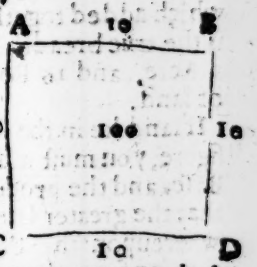
Some ſhort and eaſie directions for Meaſuring of Land.

THat my Readers may be furniſhed with variety of Rules and Tables, and becauſe ſometimes they may have occaſion to know the content of ſome Cloſes, or pieces of land lying in the open field (and not having a Surveyor near hand) I ſhall here give you ſome eaſie rules for meaſuring of ſquare, long, or Triangular land. Firſt then get a chain, or cord, of two Pole, or 33 foot in length, and divide it into halves, and quarters, or elſe get a Pole of wood 16 foot and half long, and divide it as before. In the next place he is to know that 40 ſquare Pole, or Perch, make one Rood, 80 half an acre, 120 three Roods, and 160 one acre, this known let him proceed to meaſure as followeth.

If land be juſt ſquare like to this figure A B C D, then multiply the ſide in it ſelf, and the product ſheweth how many ſquare Rod is contained in the ſaid piece of land,

Example;

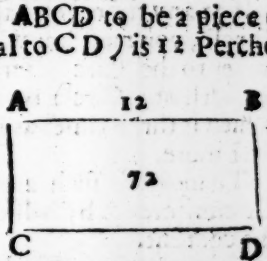
Example, ſuppoſe the ſquare A B C D to be a piece of land, and the ſide thereof to contain 10 Rod, therefore multiply 10 in it ſelf, and the product is 100, that is half an acre and half a Rood, and ſo much that piece of land containeth.



But if you cannot multiply, you may account it by your memory, ſaying 10 times 10 is an 100, or elſe take half the ſum ſaying 5 times 10 is 50, which being doubled is 100 as before. if the ſquare had been 8 Rod, the piece had contained 64 Rod, if the ſquare had been 12 Rod it had contained 144 Rod, that is 3 Roods and 24 Pole.

If land lie in the form of a long ſquare, (that is lands of that length which we commonly call Furlongs,) having the oppoſite ſides equal, like the following figure, A B C D, then multiply the length by the breadth, and the product is the content.

Example, ſuppoſe this figure ABCD to be a piece of land, whoſe length A B (equal to C D) is 12 Perches, or Pole, and the breadth A C 6 Rod, now if you multiply 12 by 6 the product will be 72, and ſo many pole doth the ſaid piece of land contain which is 1 Rood and 32 Pole.

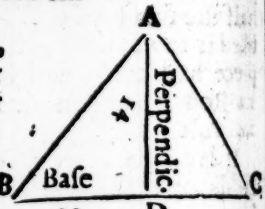


After this manner may all kind of lands in open fields be meaſured; for though the one end may be broader then the other, yet the breadth being taken at both ends, add them together, and take half the ſum for the true breadth.

Example, the length of a land being 44 pole, and the breadth at one end 5 Pole, and at the other end 3 Pole,

which added together make 8, the half thereof being 4 is the true breadth: then say 4 times 44 is 176, that is 1 Acre, and 16 Pole, for the content of the said piece of land.

If land lie in the shape of a Triangle, like the following figure, you must multiply the Perpendicular by half the Base, and the product sheweth the content. Take notice that the greater side of the Triangle is called the Base, whereupon the Perpendicular (that is the direct line coming from the opposite Angle) must fall square-wise, that is making right Angles therewith.



Suppose the Triangle A B D C to be a piece of land, whose Base is 22 Rod or Perches, and the Perpendicular A D 14 Rod, which 14 I multiply by half the Base which is 11, and the product is 154, the content of the said piece of land, that is 3 Roods and 34 Pole, wanting but 6 Pole of an Acre.

If at any time you have land lying just in the form of a Circle, you must know that the proportion of the Diameter to the Circumference is as 7 to 22 that is if the breadth of a Circle be 7 the Compass of it will be 22, which is three times as much as the Breadth and one 7 part more.

To measure such a piece of land, multiply half the Circumference by half the Diameter, and the product is the content.

Example, in a Circle whose greatest Breadth is 14 Rod, and therefore the Compass 44 Rod, now I multiply 22 which is half the Compass, by 7 being half the Diameter, and the product 154 is the content of the said piece of land, that is 3 Roods and 34 Pole as in the former example.

A Table of round Timber measure.

Inches	Feet	Inches	10 part of Inc.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part.
1	113	01	7	1	16	5	3	0
2	28	03	4	2	17	4	6	9
3	12	06	8	5	18	4	1	9
4	7	00	8	5	19	3	7	6
5	4	06	3	0	20	3	3	9
6	3	01	7	1	21	3	1	1
7	2	03	7	0	22	2	8	0
8	1	09	2	3	23	2	5	6
9	1	04	7	6	24	2	3	5
10	1	01	5	7	25	2	1	7
11		01	2	2	26	2	0	0
12		09	4	2	27	1	8	6
13		08	0	3	28	1	7	3
14		06	9	2	29	1	6	1
15		06	0	3	30	1	5	1

In these Tables the Inch for exactness is divided into an hundred parts. The use of this Table for round Timber is thus: Gird your piece about with a string in the midst, and with a quarter of the compass enter this Table, finding the Inches in the first Column towards the left hand, and then right forward in the 4 next Columns are the Feet, Inches, and parts of an Inch (in length,) which make a Foot of that piece.

A Table of ſquare Timber meaſure.

Inches	Feet	Inches	10 parts of In.	10 part of a 10 part.	Inches	Inches	10 part of Inc.	10 part of a 10 part.
1	144	00	0	0	16	6	7	5
2	36	00	0	0	17	5	9	7
3	16	00	0	0	18	5	3	3
4	9	00	0	0	19	4	7	8
5	4	09	1	2	20	4	3	2
6	5	00	0	0	21	3	9	1
7	2	11	2	6	22	3	5	7
8	2	03	0	0	23	3	2	6
9	1	09	3	3	24	3	0	0
10	1	05	2	8	25	2	7	6
11	1	02	2	8	26	2	5	5
12	1	00	0	0	27	2	3	7
13		10	2	2	28	2	2	0
14		08	8	1	29	2	0	5
15		07	6	8	30	1	9	2

The uſe of this Table is like the former, onely herein you will ſee the errour which Carpenters uſe in taking a quarter of the Circumference of ſquare Timber, for the true ſquare thereof, (making no difference between ſquare Timber and round) which you will find is here contrary, they making their foot too long, for againſt 7 Inches ſquare you will find 1 foot 11 Inches, two tenths of an Inch and ſomthing more go to one foot.

A Table for board measure.

Inches	Feet	Inches	10 part of an Inch.	10 part of a 10 part.	Inches	Inches	10 part of an Inch.	10 part of a 10 part.
1	12	00	0	0	16	9	0	0
2	06	00	0	0	17	8	4	7
3	04	00	0	0	18	8	0	0
4	03	00	0	0	19	7	5	7
5	02	04	8	0	20	7	2	0
6	02	00	0	0	21	6	8	5
7	01	08	5	7	22	6	5	4
8	01	06	0	0	23	6	2	6
9	01	04	0	0	24	6	0	0
10	01	02	4	0	25	5	7	6
11	01	01	0	9	26	5	5	3
12	01	00	0	0	27	5	3	3
13		11	0	7	28	5	1	4
14		10	2	8	29	4	9	6
15		09	6	0	30	4	8	0

The use of this Table differs not much from the others, enter the Table with the breadth of your Board or Glass, finding it in the first or sixth Colume, and right against the same you shall find how many Feet, Inches, and parts of an Inch, in length will make a Foot. Example against 10 Inches the breadth of a Board in the first Colume, I find one Foot, 2 Inches, and 4 tenth parts of an Inch in length will make a Foot.

A Table of the hour and minute of Sun-rising every second day.

days	Januar. ho.	mi.	Februa. ho.	mi.	March ho.	mi.	April ho.	mi.	May ho.	m.	June ho.	mi.
2	8	4	7	15	6	16	5	14	4	21	3	46
4	8	1	7	11	6	12	5	10	4	17	3	45
6	7	58	7	7	6	8	5	6	4	14	3	44
8	7	56	7	3	6	4	5	2	4	11	3	43
10	7	53	6	57	6	0	4	58	4	7	3	43
12	7	51	6	53	5	56	4	54	4	5	3	43
14	7	48	6	50	5	52	4	50	4	2	3	43
16	7	45	6	46	5	48	4	46	4	0	3	44
18	7	43	6	42	5	44	4	43	3	58	3	45
20	7	40	6	38	5	40	4	39	3	56	3	46
22	7	37	6	34	5	36	4	35	3	54	3	47
24	7	33	6	30	5	32	4	32	3	52	3	48
26	7	29	6	26	5	29	4	29	3	50	3	49
28	7	25	6	22	5	25	4	25	3	48	3	50
30	7	21	0	0	5	21	4	22	3	47	3	51

days	July ho.	mi.	August ho.	mi.	septem. ho.	mi.	Octob. ho.	mi.	Novē. ho.	m.	Decem. ho.	mi.
2	3	54	4	39	5	39	6	41	7	37	8	15
4	3	56	4	43	5	42	6	45	7	40	8	15
6	3	58	4	46	5	46	6	49	7	44	8	16
8	4	0	4	50	5	50	6	52	7	47	8	17
10	4	3	4	54	5	54	6	56	7	51	8	17
12	4	6	4	58	5	58	7	0	7	54	8	17
14	4	8	5	2	6	2	7	4	7	57	8	17
16	4	11	5	6	6	6	7	8	7	59	8	16
18	4	15	5	10	6	11	7	12	8	1	8	15
20	4	18	5	14	6	15	7	15	8	3	8	15
22	4	21	5	18	6	20	7	19	8	5	8	14
24	4	24	5	21	6	24	7	22	8	7	8	12
26	4	27	5	25	6	28	7	25	8	9	8	10
28	4	30	5	29	6	32	7	29	8	11	8	9
30	4	34	5	32	6	36	7	32	8	13	8	7

Seek the day on the side; and right against it, in every moneth, you have the hour and minute of Sun-rising.

A Table of the ho. and min. of Sun-setting every 2d day of the year.

Days	Januar ho. mi.	Februa. ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.
2	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 49	5 48	6 50	7 43	8 15
6	4 2	4 53	5 52	6 54	7 46	8 16
8	4 4	4 57	5 56	6 58	7 49	8 17
10	4 7	5 3	6 0	7 2	7 53	8 17
12	4 9	5 7	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 8

Days	July ho. mi.	Auguſt ho. mi.	Septem. ho. mi.	Oktober ho. mi.	Novem ho. mi.	Decemb ho. mi.
2	8 6	7 21	6 21	3 19	4 23	3 45
4	8 4	7 17	6 18	3 15	4 20	3 45
6	8 2	7 14	6 14	3 11	4 16	3 44
8	8 0	7 10	6 10	3 8	4 13	3 43
10	7 57	7 6	6 6	3 4	4 9	3 43
12	7 54	7 2	6 2	3 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 45
20	7 42	6 46	5 45	4 45	3 57	3 45
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 51
30	7 26	6 28	5 24	4 28	3 47	3 53

A plain and easie Table shewing the true Interest due upon any sum of money from five shillings to an hundred pounds, for a year or under, after the rate of six pounds in the hundred.

		1 Mon.	3 Mon.	6 Mon.	9 Mon.	A year.
		lb. p. q.	*lb. p. q.*	*lb. p. q.*	*lb. p. q.*	*lb. p. q.*
1 shill.	5	0 0 0	0 0 3	0 1 3	0 1 2	0 3 2
	10	0 0 0	0 1 3	0 3 2	0 5 0	0 7 0
	15	0 0 0	0 2 2	0 5 1	0 8 2	0 10 2
Pounds	1	0 1 0	0 3 2	6 7 0	0 10 2	1 2 1
	2	0 2 1	0 7 0	1 2 1	1 9 1	2 4 2
	3	0 3 2	0 10 1	1 9 1	2 7 3	3 6 3
	4	0 4 3	1 2 1	3 4 2	3 6 3	4 9 0
	5	0 6 0	1 6 0	3 0 0	4 6 0	6 0 0
	6	0 7 0	1 9 2	3 7 0	5 4 2	7 2 1
	7	0 8 1	2 1 0	4 2 1	6 3 1	8 4 2
	8	0 9 2	2 4 2	4 9 1	7 3 1	9 6 3
	9	0 10 3	2 8 1	5 4 2	8 0 3	10 9 0
		pe. lb. p.	*pe. lb. p.*	*pe. lb. p.*	*pe. lb. p.*	*pe. lb. p.*
Tens of pounds	10	0 1 0	0 3 0	0 6 0	0 9 0	0 12 0
	20	0 2 0	0 6 0	0 12 0	0 18 0	1 4 0
	30	0 3 0	0 9 0	0 18 0	1 7 0	1 16 0
	40	0 4 0	0 12 0	1 4 0	1 16 0	2 8 0
	50	0 5 0	0 15 0	1 10 0	2 5 0	3 0 0
	60	0 6 0	0 18 0	1 16 0	2 14 0	3 12 0
	70	0 7 0	1 1 0	2 2 0	3 3 0	4 4 0
	80	0 8 0	1 4 0	2 8 0	3 12 0	4 16 0
	90	0 9 0	1 7 0	2 14 0	4 1 0	5 8 0
	100	0 10 0	1 10 0	3 0 0	4 10 0	6 0 0

Find the principal in the first Column, & in the other you have the interest due for one, three, six, nine, or twelve moneths.

A

A Table shewing how to find Easter for ever by the help of the Golden Number and Dominical Letter.

G.N	A	B	C	D	E	F	G
i	Apr. 9	10	11	12	6	7	8
ii	Mar. 26	27	28	29	30	31	Apr. 1
iii	Apr. 16	17	18	19	20	14	15
iv	Apr. 9	3	4	5	6	7	8
v	Mar 26	27	28	29	23	24	25
vi	Apr. 16	17	11	12	13	14	15
vii	Apr. 2	3	4	5	6	mar. 31	Apr. 1
viii	Apr. 23	24	25	19	20	21	22
ix	Apr. 9	10	11	12	13	14	8
x	Apr. 2	3	mar 28	29	30	31	Apr. 1
xi	Apr 16	17	18	19	20	21	22
xii	Apr. 9	10	11	5	6	7	8
xiii	Mar 26	27	28	29	30	31	25
xiv	Apr. 16	17	18	19	13	14	15
xv	Apr. 2	3	4	5	6	7	8
xvi	Mar 26	27	28	22	23	24	25
xvii	Apr. 16	10	11	12	13	14	15
xviii	Apr. 2	3	4	5	mar. 30	31	Apr. 1
xix	Apr. 23	24	18	19	20	21	22

Yea. of our Lord	1673	1674	1675	1676	1677	1678	1679
G.N.	2	3	4	5	6	7	8
D.Le.	E	D	C	BA	G	F	E

The foregoing Table explained.

BY the former Table you may eaſily find *Eaſter*, (and from thence the other Moveable Feaſts) in any year to come. The uſe is thus, You muſt firſt know the Golden Number and Dominical Letter for that year in the which you would know when *Eaſter* will fall, which you may find for 7 years at the bottom of the Table, then enter the Table with the Golden Number in the firſt Column and the Dominical Letter at the top, and in the common Angle is the day of the moneth whereon *Eaſter* falleth that year.

Example, this year 1677 the Golden Number is 6, and the Dominical Letter G. I find 6 in the firſt Column, and I go right forward till I come under G, and there I find the 15 of *April* upon which day *Eaſter* falleth this year. thus do for any other year, onely the Leap-year, there being two Dominical Letters, take the laſt of them and work as before.

Having found *Eaſter*, you may from thence find the other Moveable Feaſts, Shroveſund. is 7 weeks before *Eaſter*, Rogation-ſunday 5 weeks after *Eaſter*. The Thurſday after Rogation is Aſcenſion day, 7 weeks after *Eaſter* is Whitſunday, the Sunday following is Trinity-ſunday, the Thurſday after that is *Corpus Chriſti*.

Advent-ſunday, is always the neareſt Sunday to the Feaſt of S. *Andrew*, whether it be before it or after it.

Directions for Husbandmen, and others for all the Moneths in the year.

January.

TRench your ground, and make it ready for the Spring, uncover the roots of Trees as ye come where need requires, plant quick-sets, and transplant fruit trees, if not finished before. Set Vines, and prune the old ones, as also Fruit-trees in the decrease of the Moon, Trim and nail up your Wall-fruit, cleanse Trees of moss, gather Cyons for Grafts, before they sprout; and toward the end, if the weather be mild, Graft Pears, Cherries, and Plums, set Pease and Beans, and sow Lettice, and Radish for early Sallets.

February.

PRune Fruit-Trees and Vines as yet, bind, plash, and nail your wall-Fruit before the Buds and Bearers grow turgid. Remove Grafts of former years Grafting, cut and lay quicksets, and set Vines as yet, set all sorts of Kernels and stony-seeds, also sow or set Beans and Pease, with hardy pot-herbs, as Radish, Parsneps, Onions, Parsly, Spinage, &c.

Graff in the cleft, Plumbs, Pears and Apples, the New Moon and the old wood is best. Rub, and scrape moss and Cankers from your Trees, and earth up the roots of those which are yet uncovered, open the passage for your Bees.

March.

PLanting is yet seasonable (unless in backward and moist ground) especially for Peaches and Nectarines, you may likewise Graff all this moneth, (unless the Spring prove very forward) beginning with Pears, and ending with Apples, Prune your last years Grafts, and top your Rose-trees a little, pruning of the dead and withered branches, slip & set sage, Rosemary, Lavender, Thyme, Sowerdive, Spotory, Leeks, Radish, Parsley, Sorrel, Lettice, Onions, Turneps, Purslain, manner by Pease &c.

April.

NOw you may ſow Sweet-Majoran, Hyſſop, Baſil, Winter-Savoury, Scurvey-graſs, Purſlan, and all fine and tender ſeeds, Set French-beans, and ſow Turneps to have them early, you may yet ſlip Lavender, Thyme, Penetroyal, Sage, Roſemary: toward the middle of the moneth begin to plant forth your Melons, and Cucumbers; towards the end, (if the cold winde be paſt) Clip Phillyrea, Cypreſs, Box, and ſuch like ſhrubs.

May.

AS yet ſow Sweet-Majoran, Baſil, Thyme, Painted-Beans, Carnations, and all herbs and plants which are moſt tender, plant Stock-gilly flowers in beds at the Full-Moon, ſhade your Carnations and Gilly flowers about noon in hot days, and pull up weeds in your Corn, and Gardens, before they run to ſeed, diſtill plants for waters and ſpirits, and ſet your Bees at liberty, looking to them expecting ſwarms.

June.

SOw Lettice, Radiſh, &c. to have latter Sallets, and about the middle of the moneth you may begin to Inocculate, cleanſe Vines from ſuperfluous and under branches, which bear no fruit, gather herbs to keep dry at the Full Moon, water lately planted trees, and plants, keeping them clear from weeds, ſow Peaſe to have them ripe after Michaelmas, alſo ſet up Hoops Cines, and baits to deſtroy Inſects which ſpoil your flowers.

July.

WAter young trees, and layers lately planted, if the weather be dry, and reprune your wall-fruit, preſerving

ſerving the young and likelieſt ſhoots to bear, pulling off the ſuperfluous leaves which hinder the Sun from coming at the Fruit, Inoculate ſtill, gather ſeeds which you intend to keep in dry weather, kill Snails or they will ſpoil your wall-Fruit.

Auguſt.

INoculate at the beginning, if you did it not before, and prune as yet ſuperfluous branches, and ſhoots of this ſecond ſpring, but be carefull not to expoſe the fruit without ſome leaves to keep it from the Sun, continue to cleanſe your Vines from exuberant branches, and pull up the ſuckers. Clip Roſes that have now done bearing, cut ſuch herbs, and gather ſuch ſeeds as you intend to ſave, in a dry time, before the Full Moon, unbind the buds you Inoculated if they be taken: make your ſummer Perry and Syder.

September.

GAther now your fruit which is ripe, in dry weather, releaſe Inoculated buds if you did it not before, ſow Lettice, Radiſh, Spinage, &c. Sow alſo winter herbs and roots, and tranſplant phyſical herbs. About the Equinox (if you did it not in the Spring) clip Box and prune Pines and Firrs, and toward the end earth up your winter plants and Sallad-herbs, continue Syder-making.

October.

TRench ground for Orchards and Gardens, to lie all winter, plant Trees of all ſorts, but chuſe no Trees for the wall of above two years Graffing, and ſound and ſmooth. Lay bare the roots of unthriving, or over-luſty-blooming Trees, gather your winter fruit which yet remain, the Moon decreaſing, ſet quick-ſets, remove ſtaffs after the ſecond years graffing, ſow all ſtony and

hard kernels and seeds, as also Nuts, Haws, Ashen, Sycomore, and Maple keys; with Acorns, Apple, Pear and Crab kernels for stocks.

November.

DUng and dig your Garden ready for the Spring, also trench and fit your ground for Artichokes. Continue setting, and transplanting of Trees, furnish your Nursery with Stocks, to Graff on the following year, sow and set early Beans and Pease, and cover your tender herbs, flowers and plants from the piercing cold.

December.

PRune and nail up wall Fruit, plant Vines and Stocks for graffing, and sow all sorts of seeds for raising of Nurseries, as in the former moneth, continuing to trench and dung your ground, and towards the end prune and nail up your Vines, turn your fruit, and in clear days open the windows where it lies, least it taint, feed now your weak stocks of Bees.

Some general Rules.

IN pruning of Trees. Cut off no great boughs, least the water get in and rot the Trees, but cut away the small boughs, where they are too thick, or such as gall, and are not like to bear, keep Vines very thin, they will bear the better, in Graffing choose a warm time, if the stock be small, let the outside of the Cyon be cut thickest in the wedge, but if the stock be great the contrary; in planting set the same side of your Trees south that was south before, if it may be done with convenience, in cutting, planting, and sowing (if you can) let the moon be increasing, but gather fruit, and seed which you intend to keep, after the Full Moon, in dry weather. It is best to set such Trees and Plants, as will indure the Cold, at the beginning of winter, for such will be forwarder in growth then those set in the Spring.

The

The Names of the principal Fairs in *England*, as they have heretofore been ſet forth by others, and are now Corrected and continued for the common good.

January.

The 5 day at Hicetford in Lancaſhire, the 6 day at Saliſbury, Tueſday after at Melton-Mowbray, the Thurſday after at Banbury: the third Tueſday in January at Potton: the 25 at Graveſend, Briſtol, Churchinford, Northallerton in Yorkſhire every Wedneſday from Chriſtmaſſ till June.

February.

The 1 day at Bromley in Lancaſhire, the 2 at Reading in Barkſhire, at Maidſton, Bickleſworth, Bicklesfield, Bath, Lyn, Bigworth: the 6 day at Stafford for 6 days: the 14 at Gundle, Feverſham: 24 at Henley upon Thames, Baldock: On Aſhwedneſday at Royſton, Dunſtable, Eaton, Tamworth, Tunbridg, Lichfield, Exeter, Cicester. The firſt Thurſday in Lent at Banbury: the 26 at Stanford an Horſe Fair.

March.

The 5 day at Bromel-brakes in Norfolk, 4 at Bedford, at Oakham: 12 at Alſobe in Norfolk, Sudbury, Woodburn, Stanford, at Wye: 13 at Bodwin in Cornwall: 20 at Durham, Aleſbury: Munday before our Lady day at Kendal, at Wisbich, 25 at Huntingdon Northampton, Malden, Aſhwel in Hartfordſhire, Newcaſtle, Oney, S. Albans: Midlent Saturday at Saffron-walden: Palmſunday-eve at Wisbich, Worceſter, Pomfret, on Goodfriday at Norwich: the Tueſday before Eaſter at Potton.

April.

Eaſter Munday at Oney in Bedfordſhire, Gainsborough, Eaſter Tueſday at Daintry in Northamptonſh. Godmanchester,

chester, Schole in Norfolk, S. Edmunds bury. On Wednesday at Wellingborough in Northamptonsh. On Friday in the same week at Darby. On Saturday at Bickleswade 2 day at Hitchin, at Rochford, Northfleet: 5 at Wallingford: 7 at Derby, 9 at Billingsworth, Bickleswarth: 12 at Stabford, 13 at Ipswich, Harbin in Norfolk, Northampton, Sapsar in Hartfordshire, Charing, Hinningham, Tamworth, Bury in Lancashire. St Pombs in Cornwall, Ampthill, Chichester, Engfield, Gilford, Bishops-Hatfield: the 25 at Buckingham at Bourn in Lincolnsh. Colebrook. Dunmow in Essex, Darby, Oakham in Rutlandshire: the 29 at Tenderden in Kent, Cleet: 30 at Beverly a week together.

May.

The 1 day at Swaffam, Haveril in Essex, Laytonbuzzard in Huntingtonsh. Rippon in Yorks. Reading, Maidstone, Chelmford, Leicester, Litchfield, Lexfield in Suffolk, Stow, Stanted, Tuxford in the Clay, the 3 day at Elstow in Bedfordsh, Noneaton in Warwicks. Thetford in Norfolk, Waldham Abby. Hinningham, Rochdale, Bramyard, the 6 at Almesbury, at Ashford, 7 at Newton in Lancashire, Beverly, Oxford, Bath: the 8 at Maidstone: the 10 at Rochester, Dunstable, Magfield in Suffolk. On Rogation Munday at Reach. On Ascension day at Thaxted, Beverly, Rippon, Sudminster, Bishopstratford, S. Neots, Wickham in Lancashire, Middle-wich in Cheshire, Chappel Frith in Darbish. On Whitsun-even at Skipton in Craven. On Whitsun-Munday at S. Ives, Rygate in Surry, Bickleswarth, Bradford, Agmunsham in Buckinghamsh. On Whitsun-Tuesday at Newmarket. On Wednesday at Royston. Thursday at Owndle in Northampton. 26 at Lenham, 29 at Crainbrook.

June.

Trinity-even at Rowel, Kendal. On Corpus Christi day at Banbury, Bishopstratford, S. Neots, Coventry, Newbury The 3 at Alesbury: 9 at Maidstone. 11 at Breme in Norfolk, Bardfield in Essex, 17 at Hadstock, 23 at S. Albans,

ham, Deerham in Norfolk, Shrewsbury, 24 at Halſon in Suffolk, Barnwel by Cambridge, Bedford, Colcheſter, Hartford, Leiceſter, Rumford, Reading, Windſor, Halifax, York, Beverly, Haſlingden, 26 at Briſtol, Darby, 27 at Burton on Trent, Folſtone. 28 at S. Pombs in Cornw. 29 at Peterborough, Aſhwel, Sudbury, Stebbing in Eſſex. Benington in Hartfordſhire.

July.

The firſt Tueſday at Potton. The 1, 2, 3 days at Congleſtone in Cheſhire, 7 at Royſton, Burntwood. The Munday after at Fodringham, at Canterbury: the 11 at Partney, 17 at Stevenage: 20 at Uxbridge, Coolidge, Woodſtock: the 22 at Ickleton, Bickleſworth, Norwich. Colcheſter, Newark upon Trent; 25 at Audley-end by Walden, Reading, Baldock, Darby, Dover, Erith Ipſwich, Stamford.

Auguſt.

The firſt day at Bedford, S. Neots, Dunſtable, Feverſham, Wisbich, Bickleſworth, Thaxted: the 6 at Peterborough: the 10 at Blackmore, Harply in Norfolk, S. Ives, Bedford, Banbury, Farnham, Brainford, Owndle: the 15 at Cambridge, Huntington, Dunmow, Luton, Northampton: the 24 at London, Sudbury, Norwich, Oxford, Northallerton, Dover, Beggers-buſh, Burton, the 28 at Aſhford, Daintry: the 29 at Halſon in Suffolk, Harlow-Buſh in Eſſex, Watford.

September.

The firſt day at S. Giles in the Buſh. On Thurſday and Friday before the 8 day at Sandback in Cheſhire. 7, 8, 9, 10 at Woodbury-hill in Dorſetſhire, 17 at Ware. 18 at Huntington, Bury in Lancaſhire, Partney, Wakefield, Northampton, Sturbridge fair begins: the 11 at Wolfpit in Suff. 14 at Rippon, Waltham-Abby, Cheſterfield in Darbiſhire, Richmond: the 21 at Marlborough, Bedford, Baldock, S. Edmundsbury, Holden in Holderneſs, Braintry, Brackly-Maiden, Malden, Mildnal: the 29 at S. Ives, Baſingſtoke, Markeedeeping, Shelford in Bedfordſh. Biſhopſtratford,

Malden,

Malden, Stow in Lincolnsh. S. Albans, Canterbury, Lei-
ster, Newbury, Westchester, Weymer for 3 days: Thurs-
after at Banbury.

October.

The 2 day at Salisbury, the 6 at Havent in Hampsh. Mai-
stone, Coolidge, Gayworth by Lyn. 8 Faiths by Nor-
wich, the 8 at Bishopstratford, Harborough, 9 Gains-
rough, the 13 at Windsor, Colchester, Gravesend, Hitchin,
Royston: the Tuesday before S. Luke at Potton: the
Ely, Bishop Hatfield, Barnet, Banbury, Thirsk, Burton
Trent, Wellinborough: the 21 at Saffron Walden, Cove-
try: the 23 at Bickletworth, 28 at Newmarket, Hartford,
Oxford, Diss, Wakefield, Stamford, Richdale in Lan-
shire.

November.

The 1 day at Chelmsford, 3 at Epping, Kingston on
Thames, Padamhasson in Suffolk, 6 at Newportpond, Bed-
ford, Harford, 14 at Loddon in Norfolk, Lenton in Notting-
hamshire, Hempton, Tokingham Bridgestock, Marl-
rough: the 17 at Spalding in Lincolnsh. Lincoln, Har-
Hide, Northampton: the 19 at Northam in Kent: the
S. Edmundsbury, Ingerston in Essex, Heath: the 23 at
wich, the 30 at Baldock, Bareford, Kolingborough, Ma-
denhead, Warrington, Rochester, Wakefield, York.

December.

The first day at Tutbury; the 5 at Pluckley: the 9
S. Neots, at Woodstock, Exeter, Spalding, Norwich in
Cheshire, Seven-oak in Kent, Arundel, Grantham: the
at Sandhurst, the 8 at Northampton, Chicherel in Lan-
shire, Huntington, Leicester, at Malpas in Cheshire, the
at Canterbury, Salisbury.

FINIS.